



350picAware Project proposal

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1 Project executive summary

Project Name:

Team Name: 350GT

Team Members: Phillip Bennett, Naomi Poole, Bushra Ahmed

Client: 350.org

Project Sponsor: Otago Polytechnic

Project Supervisors: Lesley Smith, Samuel Mann

Project Description:

Goal: To create an IT related product to help keep the public's interest in the 350.org initiative after the 24 of October event date.

Objectives: To create a phone application that will enable the user to download images relating to the sustainability of our earth.

Deliverables:

	<i>Details</i>	<i>Estimated Date</i>
• Project Start	Researching possible ideas and first contact with client.	20-July-2009
•		
• Release One	Design layout chosen (colors, layout, design platform) and working on client feedback.	17-August-2009
• Release Two	Working on functional requirements and general improvements plus product testing.	21-September-2009
• Release Three	Final touches and final product testing.	9-November-2009
•		
• Project End	Presentations to client.	18-November-2009

Development Estimates (person/hours):

Client: Two Hours (over whole semester)

Project Team: 18 Hours (over whole semester)

Date: 12/August/2009-18/November/2009

Date: 12/August/2009-18/November/2009

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Section Two: Business Outline

2 Business statements

Client Mission Statement:

Our mission is to inspire the world to rise to the challenge of the climate crisis--to create a new sense of urgency and of possibility for our planet.

Business description:

350.org is an organization that is aimed at spreading the word of global warming and helping realize its effects and what they can do to help.

Business objectives:

To lower the CO2 parts per million in the atmosphere to 350 which is regarded by scientists as a safe limit for humanity.

Section Three: Methodology

3 Project Methodology

For this project 350GT has chosen to adopt the Development Framework that adopts Agile development methodology.

This Methodology is split into three different iterations being:

- 1st Iteration
- 2nd Iteration
- 3rd Iteration

These iterations are then split into different streams being:

- Understand
- Construct
- Evaluate
- Communicate
- Steer

Each stream also comprises of sectors being:

- Evaluate
- Function Requirement
- Design Concepts
- Design Specifications
- Implement
- Evaluate

The first iteration is aimed at developing the team and the client. The second iteration is aimed at designing and handing over a system that meets the functional requirements to the client. The third and final iteration is to review the second iteration and how it meets business requirements, to review functional requirements once again and add in any more if need be, and finally to deliver the final tested and proven product.

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Section Four: Project Outline

4 Project Outline

Project Description

To keep the local population informed and involved about the 350.org goal after the 24th of October.

5 Project risks

Economic Feasibility

Tangible and intangible benefits	
Tangible benefits:	Intangible benefits:
Increase in speed of activities - <i>this can result in increase in spare time at the end of the project for quality control and ensuring everything is up to par.</i>	Increased employee morale - <i>As a team we base this very high on our priorities. If the team is happy then the quality of work will be better.</i>
Improvement in time management - <i>this can result in better quality products and help the employees feel like they are in control and on top of the project at hand.</i>	Increased employee abilities- <i>The more the team knows the better the end product. This is another benefit that will be highly beneficial.</i>

Technical Feasibility

As a group we have one main risk that stands out above the rest, our lack of knowledge on how to program a phone application. None of us have experience in this, however we are all more than capable of designing the interface and making it look the way we want to. There for we are going to complete a mock-up design application in a program most likely to be Adobe Flash. In terms of number of people I think we are more than capable of developing this project as well as time wise.

Operational Feasibility

We believe that this project will solve the client's problem and it will be more than sufficient when it operates. The cost of failure is immeasurable. If the project does not work then the end result could be an atmosphere that is unhealthy for humanity. On a much smaller scale it may work fine but it may not take off with the public interest. However with our research and the amount of preparation we have put into this idea we believe that will not be an issue and the project will be a success.

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Legal, Ethical and Contractual Feasibility

Legal and ethical ramifications will always be an issue. However when developing this project we will endeavor to make sure it is all legal and encounters no ethical issues. Steps to avoid this include research on national telecommunication providers such as Telecom and Vodafone to make sure that we do not break any terms and conditions they impose on the use of their service.

Political Feasibility

Our team's stake holders are very happy with the system. We are all very aware of how our world revolves around mobility and especially mobile phones. They are about as common as a person having a wallet. There for all key members involved have the highest faith in the success of this project.

In terms of how our team is structured there is no 'top down' hierarchy. We believe all are equal and all are considered with the same importance.

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Risk Action Plan

For the risks you have identified in the above sections, describe what steps you will take to minimize the impact.

Risk Area	Level (H/M/L)	Risk Plan
Technical feasibility	Moderate	We will all continue to study Flash resources and use our class time wisely to ensure that we have the necessary abilities to complete this task on time and to a sufficient quality.
Operational Feasibility	Low	To ensure the product operates successfully we will carry out precautionary tests frequently and if a problem does appear that issue will be dealt with as fast as possible to ensure no danger to users.
Political Feasibility	Low	To ensure all political issues are dealt with we will have frequent team meetings to address any issues arising and if they do arise then the necessary actions will be taken.
Legal, Ethical and Contractual Feasibility	Low	In preparation for this product we have conducted research to make sure we do not step into any trouble regarding legal, ethical and contractual problems. If this problem is to arise then we will be seeking advice from legal council and the polytechnic.